

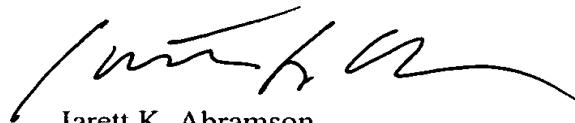
REMARKS

The specification of the present application is amended herein to comply with requirements for patent applications containing nucleotide sequences and/or amino acid sequence disclosures. Sequence listing identifiers have been added to amino acid sequence disclosures described on page 5, lines 15–16 and lines 29–30 and depicted in Figure 2A in the specification as required under 37 CFR §1.821(d). The text on page 5, lines 15–16 has been modified to more clearly identify the amino acid disclosures with their respective sequence listing identifiers. A Substitute Sequence Listing has been added to the end of the specification, consisting of pages 1–27. In addition, a typographical error for the SwissProt Accession Number of GLUT1 has been corrected.

A computer-readable form (CRF) and a paper copy of a Substitute Sequence Listing are filed concurrently herewith as required under 37 CFR §1.821(f). The Substitute Sequence Listing includes amino acid sequences identified in Figure 2A of the Specification. Applicants submit that the information in the CRF and in the paper copy of the Substitute Sequence Listing is the same and that the Substitute Sequence Listing introduces no new matter.

No fee is believed due. However, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

Respectfully submitted,



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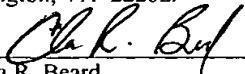


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PATENT TRADEMARK OFFICE

CERTIFICATE OF EXPRESS MAILING

"Express Mail" mailing label number: EV 193631852 US Date of Deposit: April 25, 2003
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Box Sequence, P.O. Box 2327, Arlington, VA 22202.


Clara R. Beard